Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040031.D
Acq On : 19 Dec 2022 16:52
Operator : SY/MD
Sample : N6059-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 05:13:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.169	49	913679	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.632	114	2791858	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.446	117	2402009	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.761	95	1791887	9.766	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.703	85	40506	0.237	ppbv		92
3) Chlorodifluoromethane	2.652	51	34368m	0.255	ppbv		
4) Chloromethane	2.787	50	33718	0.399	ppbv		96
9) Propene	2.681	41	136794m	2.391	ppbv		
10) Heptane	7.558	43	72968m	0.523	ppbv		
11) Trichlorofluoromethane	3.536	101	37246	0.200	ppbv		99
13) Ethanol	3.211	45	1147220	213.063	ppbv		96
15) Acetone	3.443	43	1716730	12.146	ppbv		95
19) Isopropyl Alcohol	3.558	45	389176	5.587	ppbv	#	1
20) Methylene Chloride	3.909	84	147575	2.456	ppbv		94
26) Hexane	5.189	57	212073	2.061	ppbv	#	54
29) Chloroform	5.250	83	20849m	0.133	ppbv		
30) Cyclohexane	6.584	84	27964m	0.307	ppbv		
34) 2-Butanone	4.767	43	33242m	0.219	ppbv		
35) Carbon Tetrachloride	6.462	117	10315m	0.059	ppbv		
36) Benzene	6.343	78	92065	0.369	ppbv		98
44) 2,2,4-Trimethylpentane	7.308	57	120116	0.293	ppbv	#	78
53) Toluene	9.201	91	385840	1.398	ppbv		98
58) Ethyl Benzene	12.073	91	107680	0.316	ppbv		98
59) m/p-Xylene	12.323	91	323404	1.088	ppbv		94
60) o-Xylene	13.037	91	148532m	0.521	ppbv		
64) n-propylbenzene	14.902	120	18151	0.175	ppbv		88
72) 4-Ethyltoluene	15.179	105	99648m	0.315	ppbv		
73) 1,3,5-Trimethylbenzene	15.333	105	93152	0.327	ppbv		93
74) 1,2,4-Trimethylbenzene	16.092	105	318112	1.012	ppbv	#	67
79) Naphthalene	21.378	128	24532m	0.131	ppbv		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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